AMENDED

No. 50253

APPLICATION FOR PERMIT

TO ~~APPROPRIATE~~ STORE THE PUBLIC WATERS OF THE STATE OF NEVADA

RESERVOIR SITE NO. 1

Date of filing in State Engineer's Office OCT 8 1986

Returned to applicant for correction MAR 4 1987

Corrected application filed MAY 1 1987

Map filed MAY 1 1987 POU under 50191

The applicant Washoe County and City of Sparks

Post Office Box 11130 (Street and No. or P.O. Box No.), of Reno (City or Town),

Nevada 89520 (State and Zip Code No.), hereby make.... application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

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1. The source of the proposed appropriation is Underground water appropriated under (Name of stream, lake, spring, underground or other source) applications 50191 through 50241 inclusive.

2. The amount of water applied for is N/A second-feet (One second-foot equals 448.83 gals. per min.)

   (a) If stored in reservoir give number of acre-feet 14,000

3. The water to be used for power (pumped storage of electrical energy). (Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.)

4. If use is for:

   (a) Irrigation, state number of acres to be irrigated N/A

   (b) Stockwater, state number and kinds of animals to be watered N/A

   (c) Other use (describe fully under "No. 12. Remarks" see remarks

   (d) Power:

   (1) Horsepower developed 1,000 megawatts

   (2) Point of return of water to stream none, the water will be recycled.

5. The water is to be diverted from its source at the following point The inlet and outlet structures will be centered about a point located within the (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.) SE¼ SW¼ of Section 4, T22N, R18E, M.D.B.&M. at a point from which the SW corner of Section 8, T22N, R18E, M.D.B.&M. bears S52°30'W a distance of 8,400 feet.

6. Place of use Washoe County as described in NRS 243.340 et seq. Place of use (Describe by legal subdivision. If on unsurveyed land, it should be so stated.) map has been filed under application 50191.

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day), of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Two reservoirs, penstock tunnels, a (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.) combination pumphouse/powerhouse, and power transmission system.

9. Estimated cost of works $500,000,000.00

10. Estimated time required to construct works.....15 years.....
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use.....15 years.....

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

see Attachment "A".

By s/Donald A. Mahin
Donald A. Mahin, Agent
Post Office Box 11130
Reno, Nevada 89520

Compared bc/bl cl/

Protested

DENIAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby ~~grant~~ deny the same, subject to the following limitations and conditions:

This application is hereby denied on the grounds that it would not be in the public interest to approve permits to appropriate water from sources on which water rights do not exist.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed on or before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED, P.E. State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 13th day of April, A.D. 19 98

R. Michael Turnipseed P.E.
State Engineer

218 (Rev.)

ATTACHMENT "A"

PUMPED STORAGE PROJECT NUMBER 9

PETERSEN MOUNTAIN

RESERVOIR SITE NO. 1

This application is for storage of water in an artificial reservoir (forebay) to be constructed as part of an electrical energy pumped storage project. This project consists of a forebay and afterbay that will recycle approximately 6,000 acre feet of water per day. The reservoirs will be connected to quasi-municipal water distribution facilities. The estimated annual evaporation from the forebay and afterbay in this project is less than 1,000 acre feet. The peak generating capacity of this project is about 1,000 megawatts. The power plant will be located at a point along a line connecting the forebay and afterbay.

The proposed dam in Section 4 T22N R18E M.D.B.&M. will be approximately 190 feet high and will submerge approximately 125 acres of land lying below an elevation of 7,690 feet mean sea level located within Sections 4 and 9 T22N R18E M.D.B.&M. A saddle dam approximately 100 feet high will be located in Section 9 T22N R18E M.D.B.&M. The average total vertical head of this project is approximately 1,600 feet if reservoir site 2 is used as the afterbay and 2,185 feet if reservoir site 3 is used as the afterbay. The selection of the afterbay, power plant location, dam location and construction methods will depend upon a detailed site investigation and project optimization.